

Title (en)
Data representation and protocol

Title (de)
Datendarstellung und Protokoll

Title (fr)
Représentation de données et protocole

Publication
EP 0429054 B1 19970205 (EN)

Application
EP 90122165 A 19901120

Priority
US 43923989 A 19891120

Abstract (en)
[origin: EP0429054A2] A data representation and protocol are provided to interface two networks. A plurality of information units to be transmitted from one network to another are formatted into a variable size block in accordance with the protocol. Each block contains a header field storing a total information unit count and a control information unit count. The remainder of the block stores the actual information itself, both control and data, in consecutive byte locations, with the actual control information located at the end of the block. The block can then be sent to another network for processing. A device in the other network need only reference the block header to determine whether the information contained in the block is control or data. This speeds the processing of large quantities of either all data information and/or control information. <IMAGE>

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IPC 8 full level
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CPC (source: EP KR US)
H04L 49/90 (2013.01 - EP US); **H04L 49/9023** (2022.05 - KR); **H04L 69/085** (2022.05 - KR); **H04L 69/22** (2013.01 - KR);
H04L 69/08 (2013.01 - EP US); **H04L 69/22** (2013.01 - EP US)

Cited by
US5819113A; EP0630141A3; EP0496428A3; EP0664634A1; EP0559593A1; FR2687259A1; US5521940A; WO9747115A1; WO9316541A1;
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Designated contracting state (EPC)
DE FR GB IT

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EP 0429054 A2 19910529; **EP 0429054 A3 19911211**; **EP 0429054 B1 19970205**; AU 627375 B2 19920820; AU 6572890 A 19910718;
CA 2029259 A1 19910521; DE 69029892 D1 19970320; DE 69029892 T2 19970911; JP H03239046 A 19911024; JP H0720152 B2 19950306;
KR 910010945 A 19910629; KR 940008104 B1 19940902; US 5175817 A 19921229

DOCDB simple family (application)
EP 90122165 A 19901120; AU 6572890 A 19901101; CA 2029259 A 19901102; DE 69029892 T 19901120; JP 31528590 A 19901120;
KR 900018777 A 19901120; US 43923989 A 19891120